# Phonemic Tagging with the Spanish Phonology Transcriber

This layer manager annotates Spanish words their phonemic transcription, based on rules that map orthography to phonology.

Rule-based conversion is based on spanish-pronunciation-rules-php, an open-source PHP function that converts a Spanish word into IPA phonetic transcription symbols, written by Timur Baytukalov, http://easypronunciation.com/en/

## Creating a Phonemes Layer

To create a new layer with annotations from your dictionary:

1. Select the *word layers* option on the menu - this will display a list of all the word layers you already have in the database.
2. At the top of the list, there's a blank form for creating a new layer - fill this form in:

   - *Layer ID* - enter a one- or two-word description - e.g. phonemes
   - *Type* - select Phonological
   - *Manager* - select Spanish phonological transcriber
   - *Alignment* - select *None* (as these are simply tags on the orthographic words)
   - *Generate* - select Always

3. Press the *New* button to create the layer. You will see the layer configuration page. Check the online help for explanations of all options, but at least:
4. Ensure the *Source Layer* is *orthography*
5. Select the desired *Locale* from the list.



6. Press *Save*
7. Press *Regenerate*.
   You will see a progress bar while the layer manager annotates all the transcripts that have already been uploaded.

LaBB-CAT will then generate annotations for all the transcripts you already have in your database. If you have a lot of data, this may take a while.

From now on, when you upload a new transcript, annotations will automatically be generated by using the mapping rules for the selected locale.